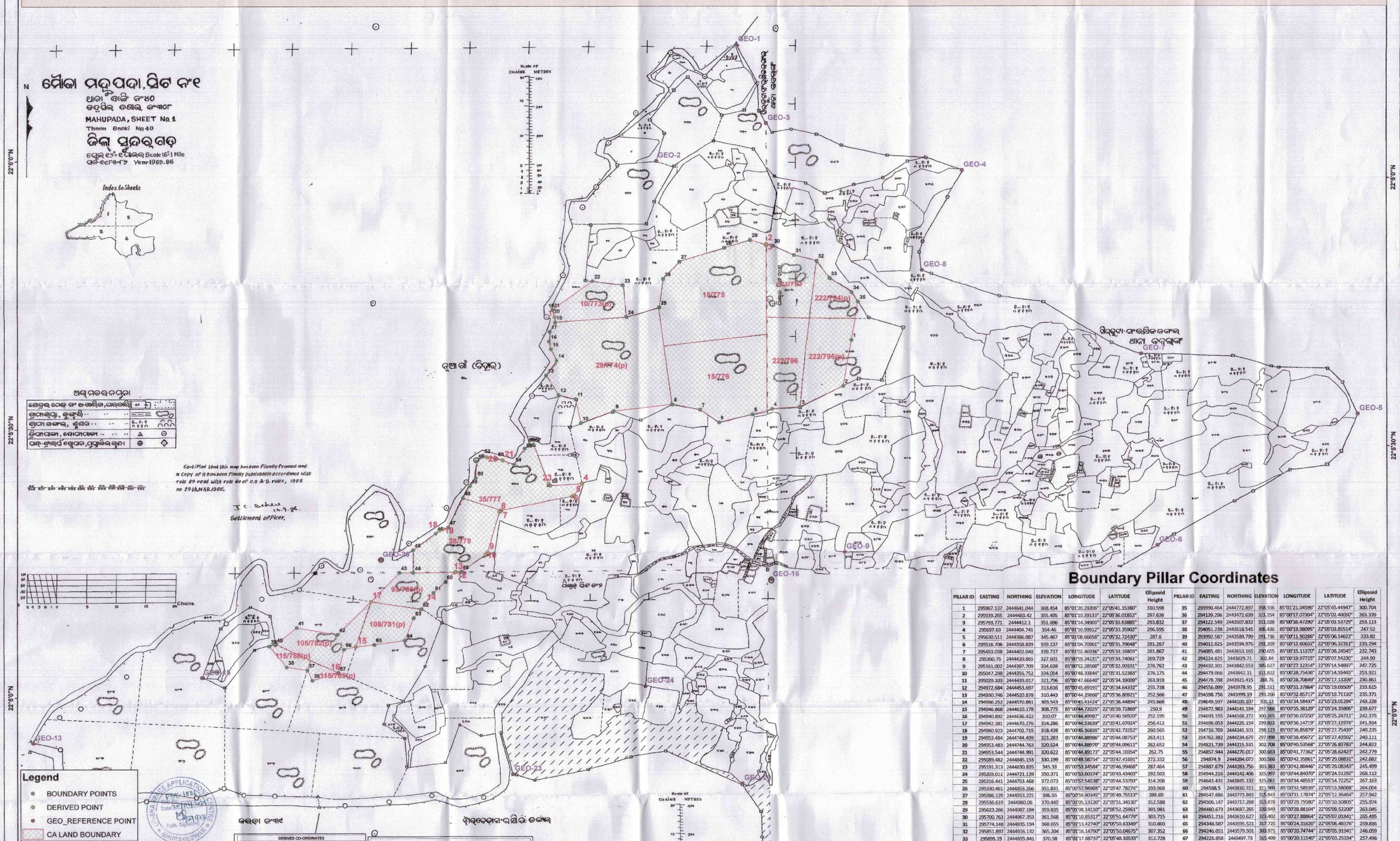
Plate - XII

DGPS SURVEYED MAP SHOWING THE COMPENSATORY AFFORESTATION IN LIEU OF DIVERSION OF FOREST LAND OVER AN AREA OF 64.5 Ha. IN RESPECT OF NETRABANDHA PAHAR (WEST) IRON ORE BLOCK OF M/S RAGA TRADECON PVT LTD.VILLAGE:MAHUAPADA UNDER TAHASIL:KOIRA, DISTRICT:SUNDARGARH

SCALE - 1:5,000

Meters 0 50 100 200 300 400



Boundary Pillar Coordinates

PILLAR ID	EASTING	NORTHING	ELEVATION	LONGITUDE	LATITUDE	Ellipsoid Height	PILLAR ID	EASTING	NORTHING	ELEVATION	LONGITUDE	LATITUDE	Ellipsoid Height
1	295967.137	2444541.044	368.454	85°01'20.29206"	22°05'41.15380"	310.598	35	295990.464	2444772.897	358.556	85°01'21.04596"	22°05'45.44947"	300.704
2	295939.265	2444483.42	355.495	85°01'19.39133"	22°05'36.01852"	297.636	36	294139.296	2443472.639	321.254	85°00'17.07304"	22°05'02.40050"	263.339
3	295793.771	2444412.1	351.696	85°01'14.34903"	22°05'33.63885"	293.832	37	294122.549	2443507.832	311.028	85°00'16.47290"	22°05'03.53729"	253.113
4	295697.63	2444404.741	354.46	85°01'10.99912"	22°05'33.35902"	296.595	38	294051.238	2443518.545	305.436	85°00'13.98095"	22°05'03.85514"	247.52
5	295630.511	2444386.087	345.467	85°01'08.66658"	22°05'32.72430"	287.6	39	293992.587	2443589.799	291.736	85°00'11.90286"	22°05'06.14622"	233.82
6	295516.706	2444358.839	339.137	85°01'04.70961"	22°05'31.79048"	281.267	40	294012.825	2443594.976	291.209	85°00'12.60632"	22°05'06.32311"	233.294
7	295453.038	2444402.048	339.737	85°01'02.46936"	22°05'33.16803"	281.867	41	294085.481	2443653.165	290.655	85°00'15.11370"	22°05'08.24545"	232.743
8	295350.76	2444420.865	327.601	85°00'59.24231"	22°05'33.74061"	269.729	42	294224.625	2443629.71	302.84	85°00'19.97725"	22°05'07.54230"	244.93
9	295161.002	2444397.709	334.638	85°00'52.28560"	22°05'32.90331"	276.762	43	294432.301	2443842.553	305.627	85°00'27.12314"	22°05'14.54897"	247.725
10	295047.298	2444356.752	334.054	85°00'48.33844"	22°05'31.52383"	276.175	44	294479.066	2443842.11	311.822	85°00'28.75436"	22°05'14.55445"	253.921
11	295029.103	2444439.017	321.796	85°00'47.66640"	22°05'34.19009"	263.919	45	294478.788	2443921.415	288.76	85°00'28.70849"	22°05'17.13209"	230.861
12	294972.684	2444453.697	313.616	85°00'45.69191"	22°05'34.64332"	255.738	46	294556.099	2443978.95	291.511	85°00'31.37864"	22°05'19.03509"	233.615
13	294930.746	2444520.878	310.443	85°00'44.19660"	22°05'36.80921"	252.566	47	294598.756	2443999.19	293.266	85°00'32.85717"	22°05'19.71110"	235.371
14	294966.252	2444570.861	303.543	85°00'45.41424"	22°05'38.44894"	245.668	48	294649.597	2444100.107	301.12	85°00'34.58437"	22°05'23.01294"	243.228
15	294946.868	2444610.178	308.775	85°00'44.72025"	22°05'39.71869"	250.9	49	294672.983	2444141.184	297.568	85°00'35.38129"	22°05'24.35806"	239.677
16	294940.892	2444636.422	310.07	85°00'44.49987"	22°05'40.56920"	252.195	50	294693.155	2444168.272	300.265	85°00'36.07250"	22°05'25.24711"	242.375
17	294942.381	2444670.276	314.286	85°00'44.53639"	22°05'41.67024"	256.412	51	294696.053	2444226.154	299.822	85°00'36.14719"	22°05'27.12976"	241.934
18	294960.923	2444702.715	318.438	85°00'45.16835"	22°05'42.73252"	260.565	52	294716.703	2444245.101	298.123	85°00'36.85879"	22°05'27.75439"	240.235
19	294953.484	2444744.499	321.283	85°00'44.88986"	22°05'44.08753"	263.411	53	294762.382	2444234.679	297.998	85°00'38.45672"	22°05'27.43502"	240.111
20	294953.483	2444744.763	320.524	85°00'44.88970"	22°05'44.09611"	262.652	54	294821.739	2444215.531	302.708	85°00'40.53568"	22°05'26.83783"	244.822
21	294953.544	2444744.991	320.622	85°00'44.89173"	22°05'44.10354"	262.75	55	294857.944	2444270.017	300.663	85°00'41.77362"	22°05'28.62423"	242.779
22	295089.482	2444845.153	330.199	85°00'49.58754"	22°05'47.41691"	272.332	56	294874.9	2444284.073	300.566	85°00'42.35861"	22°05'29.08831"	242.682
23	295191.313	2444830.835	345.33	85°00'53.14584"	22°05'46.99468"	287.464	57	294887.679	2444283.756	303.383	85°00'42.80446"	22°05'29.08343"	245.499
24	295203.011	2444721.139	350.371	85°00'53.60374"	22°05'43.43403"	292.503	58	294944.216	2444142.406	325.997	85°00'44.84070"	22°05'24.51292"	268.112
25	295316.441	2444753.468	372.073	85°00'57.54538"	22°05'44.53793"	314.208	59	294643.431	2443845.132	325.061	85°00'34.48553"	22°05'14.72252"	267.163
26	295330.461	2444853.266	351.831	85°00'57.98903"	22°05'47.78274"	293.968	60	294588.5	2443810.721	321.903	85°00'32.58539"	22°05'13.58068"	264.004
27	295386.129	2444913.221	346.55	85°00'59.90345"	22°05'49.75513"	288.69	61	294547.686	2443773.843	315.843	85°00'31.17874"	22°05'12.36454"	257.942
28	295536.619	2444960.06	370.445	85°01'05.13120"	22°05'51.34130"	312.588	62	294506.147	2443717.268	313.878	85°00'29.75580"	22°05'10.50805"	255.974
29	295623.266	2444987.184	359.835	85°01'08.14110"	22°05'52.25961"	301.981	63	294480.673	2443687.265	320.949	85°00'28.88104"	22°05'09.52200"	263.045
30	295700.763	2444967.353	361.568	85°01'10.85317"	22°05'51.64779"	303.715	64	294451.216	2443610.627	323.402	85°00'27.88864"	22°05'07.01841"	265.495
31	295774.148	2444935.194	368.655	85°01'13.42740"	22°05'50.63449"	310.803	65	294348.587	2443595.521	317.725	85°00'24.31620"	22°05'06.48376"	259.816
32	295851.897	2444916.132	365.204	85°01'16.14790"	22°05'50.04675"	307.352	66	294246.051	2443579.501	303.971	85°00'20.74744"	22°05'05.91941"	246.059
33	295895.25	2444855.841	370.58	85°01'17.68737"	22°05'48.10533"	312.728	67	294225.858	2443497.73	315.409	85°00'20.11540"	22°05'03.25334"	257.496
34	295969.606	2444805.246	360.599	85°01'20.30379"	22°05'46.49216"	302.748							

DERIVED CO-ORDINATES

SL.NO	EASTING	NORTHING	LONGITUDE	LATITUDE
1	294960.0201	2444720.737	85°00'45.12865"	22°05'43.31792"
2	295677.3797	2444973.358	85°01'10.03464"	22°05'51.85309"
3	295677.3004	2444968.912	85°01'10.03726"	22°05'51.68609"
4	295652.4182	2444149.04	85°00'48.61153"	22°05'24.77444"
5	295025.8649	2444109.708	85°00'47.70330"	22°05'23.48470"
6	295018.3434	2444106.228	85°00'47.44255"	22°05'23.36840"
7	294728.6081	2444098.049	85°00'36.10811"	22°05'23.20065"
8	294772.8618	2444052.088	85°00'38.90641"	22°05'21.50448"
9	294732.461	2443913.748	85°00'37.55937"	22°05'16.90400"
10	294726.2072	2443905.483	85°00'37.34503"	22°05'16.71933"
11	294645.3072	2443846.445	85°00'34.55037"	22°05'14.76601"
12	294624.432	2443845.534	85°00'33.82273"	22°05'14.72759"
13	294621.6241	2443844.074	85°00'33.72454"	22°05'14.67888"
14	294519.6537	2443738.139	85°00'30.21735"	22°05'11.19220"
15	294285.8697	2443588.406	85°00'22.13230"	22°05'06.22581"
16	294227.2584	2443495.436	85°00'20.12858"	22°05'03.30885"
17	294136.9256	2443743.43	85°00'23.84199"	22°05'11.28648"
18	294567.7872	2443987.495	85°00'31.78239"	22°05'19.31761"
19	294579.8919	2443951.448	85°00'32.20186"	22°05'19.51640"
20	294729.6317	2444243.347	85°00'37.31188"	22°05'27.60535"
21	294783.9945	2444329.381	85°00'39.21291"	22°05'27.27198"
22	294872.8685	2444280.7	85°00'42.28029"	22°05'28.97781"
23	294939.4636	2444148.455	85°00'44.67219"	22°05'24.70753"

STATISTICS OF COMPENSATORY AFFORESTATION LAND IN MAHUPADA VILLAGE, KOIRA TAHSIL, SUNDARGARH DISTRICT IN LIEU OF FOREST AREAS PROPOSED FOR DIVERSION OF NETRABANDH PAHAR IRON ORE BLOCK OF M/s RAGA TRADECON PVT.LTD, KOIRA, SUNDERGARH

SL. NO.	VILLAGE NAME	PLOT NO.	KISAM	CONSIDER AREA IN HA.	MAP AREA HA.
1	Mahupada	222/795(p)	Pahad	3.710	3.933
2	Mahupada	35/777	Pahad	4.860	4.643
3	Mahupada	38/778	Pahad	4.860	4.536
4	Mahupada	10/773(p)	Pahad	2.460	2.486
5	Mahupada	29/774(p)	Pahad	12.340	12.230
6	Mahupada	15/776	Pahad	8.900	8.367
7	Mahupada	15/775	Pahad	10.420	10.700
8	Mahupada	222/794(p)	Pahad	1.850	1.990
9	Mahupada	222/793	Pahad	3.620	3.652
10	Mahupada	222/796	Pahad	3.950	4.034
11	Mahupada	115/788(p)	Pahad	0.520	0.589
12	Mahupada	108/781(p)	Pahad	2.130	2.156
13	Mahupada	108/782(p)	Pahad	2.500	2.672
14	Mahupada	93/780(p)	Pahad	2.130	2.079
15	Mahupada	115/789(p)	Pahad	0.350	0.363
	TOTAL CA LAND AREA			64.500	64.390

POINT ID	EASTING	NORTHING	ELEVATION	LATITUDE	LONGITUDE	ELIPSOID HEIGHT
GEO-1	295574.452	2445666.008	346.878	22°06'13.99824"	85°01'06.13464"	289.039
GEO-2	295336.133	2445256.533	356.2	22°06'01.99542"	85°00'56.55578"	298.346
GEO-3	295676.969	2445387.602	357.72	22°06'05.29772"	85°01'09.83253"	299.879
GEO-4	296343.051	2445226.606	363.222	22°06'00.34582"	85°01'33.13891"	305.386
GEO-5	297682.699	2444384.934	353.351	22°05'33.35002"	85°02'20.24494"	295.522
GEO-6	297004.583	2443935.056	350.485	22°05'18.64269"	85°01'56.79544"	292.634
GEO-7	296948.62	2444592.706	341.241	22°05'39.99638"	85°01'54.58202"	283.403
GEO-8	296207.812	2444881.997	352.694	22°05'49.15244"	85°01'28.57664"	294.848
GEO-9	295994.217	2443914.103	324.55	22°05'17.33502"	85°01'19.82132"	266.679
GEO-13	293192.744	2443254.808	262.304	22°04'55.91618"	84°59'44.16116"	204.369
GEO-15	293752.707	2443483.66	294.102	22°05'02.53325"	85°00'03.93502"	236.18
GEO-16	295683.441	2443817.433	318.585	22°05'14.26705"	85°01'11.11936"	261.706
GEO-18	295834.936	2442745.799	307.677	22°04'39.49506"	85°01'09.21502"	309.774
GEO-20	295593.747	2443117.177	330.745	22°04'51.46339"	85°01'01.99985"	272.85
GEO-23	294858.361	2443148.914	292.22	22°04'52.19912"	85°00'40.90308"	234.311
GEO-24	295268.329	2443452.233	317.302	22°05'02.11825"	85°00'56.45862"	259.407
GEO-26	294570.097	2443987.507	302.002	22°05'19.98567"	85°00'24.93311"	244.16

NETRABANDHA PAHAR (WEST) -CIMPL

- DGPS Survey of Compensatory Afforestation land identified in Mahupada village, Koira Tahsil, Sundargarh district in lieu of forest areas proposed for diversion for Netrabandha Pahar Iron Ore Block of M/s Raga Tradecon Pvt. Ltd. in Koira, Sundargarh has been carried out by the user agency through M/s Crackers India Mining Pvt. Ltd., Cuttack.
- DGPS survey co-ordinates are verified by ORSAC. Also, the maps showing Compensatory Afforestation land are verified with surveyed points & compared with ortho-rectified Cartosat satellite image and found that maps are correct at a confidence level of 95%.
- All the identified Compensatory Afforestation land comes in Mahupada village in Koira Tahsil, Sundargarh District.
- Total DGPS Surveyed identified Compensatory Afforestation land works out to 64.390Ha. from the submitted .shp files against considered area of 64.500Ha. from the submitted record.

Forest Range Officer
Banki Range

Revenue Supervisor
KOIRA

Tehsildar
KOIRA

Divisional Forest Officer
Rourkela Division

Map Prepared By:-

CIMPL
(A unit of World Consultancy Services)